



AUG 18 2006

Substitute for form PTO-14A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
Sheet	1	of	2	Application Number	10/750,549
				Filing Date	December 31, 2003
				First Named Inventor	Sumeet Sandhu
				Art Unit	2610 2611
				Examiner Name	Chin, Wellington P. PHU
				Attorney Docket Number	42P17433

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	PPhm	Date Considered	11/15/07
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<sup>1</sup>Applicant's unique citation designation number (optional)<sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document.<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible<sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Sheet 2 of 2

Complete if Known	
Application Number	10/750,549
Filing Date	December 31, 2003
First Named Inventor	Sumeet Sandhu
Art Unit	2616 - 2611
Examiner Name	Chin, Wellington P. PHU
Attorney Docket Number	42P17433

## **NON PATENT LITERATURE DOCUMENTS**

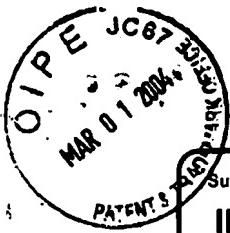
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<b>OP</b>	1	International Patent Application No.: 10/750,549, PCT International Preliminary Report on Patentability, Attorney Docket No.: 042390.P17433; Issued date 13 July 2006.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/750,549
				Filing Date	December 31, 2003
				First Named Inventor	Sumeet Sandhu
				Art Unit	Not yet assigned 2611
				Examiner Name	Not yet assigned P. PHU
				Attorney Docket Number	42P17433
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

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Sheet	2	of	2	Application Number	10/750,549
				Filing Date	December 31, 2003
				First Named Inventor	Sumeet Sandhu
				Art Unit	Not yet assigned 2611
				Examiner Name	Not yet assigned P. PHU
				Attorney Docket Number	42P17433

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PP	5	QDR, Next-Genration Network SRAM, 5/14/2001, Pages 1-20	
PP	6	INTEL, Intel IXP 1200 Network Processor Family, Hardware Reference Manual; August 2001, Pages 1-272	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/750,549
Filing Date	December 31, 2003
First Named Inventor	Sumeet Sandhu
Art Unit	2664 2611
Examiner Name	CHIN, Wellington P. Phu
Attorney Docket Number	42P17433

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PP		YI GONG et al - "Space-frequency-time coded OFDM for broadband wireless communications" IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, 11/25/2001 pages 519-523 - XP001090309	
PP		QIAN MA et al - "Full diversity block diagonal codes for differential space-time-frequency coded OFDM" - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, 12/1/2003 Pages 868-872, XP0106788446	
PP		WEIFENG SU et al - "Obtaining full-diversity space-frequency codes from space-time codes via mapping" - IEEE TRANSACTIONS ON SIGNAL PROCESSING - vol 51, no 11, November 2003, pages 2905-2916, XP001200809	
PP		ROUQUETTE et al - "orthogonal full diversity space-time block coding based on transmit channel state information for 4 Tx antennas" - IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS - 4/28/2002, pages 558-562, XP010589556	
PP		DIGGAVI et al - "Differential space-time coding for frequency selective channels" IEEE COMMUNICAITONS LETTERS, vol 6, no 6 June 2002, pages 253-255, XP001133259	
PP		WEIFENG SU et al - "Systematic design of space-frequency codes with full rate and full diversity" IEEE WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE, 3/21/2004, pages 1436-1441, XP010708121	
PP		JAGANNADHA RAO et al - "Low-complexity, full-diversity space-time-frequency block codes for MIMO-OFDM" IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, 11/29/2004, pages 204-208, XP010758881	

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STATEMENT BY APPLICANT**

Sheet

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Art Unit	2664
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Attorney Docket Number	42P17433

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PP		WEI ZHANG et al - "A design of high-rate space-frequency codes for MIMO-OFDM systems" - IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, vol 1, 11/29/2004, pages 209-213, XP010758882	

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